

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002290.D
 Acq On : 13 Apr 2020 19:00
 Operator : SY/MD
 Sample : L2229-31
 Misc : 5.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Apr 14 09:28:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

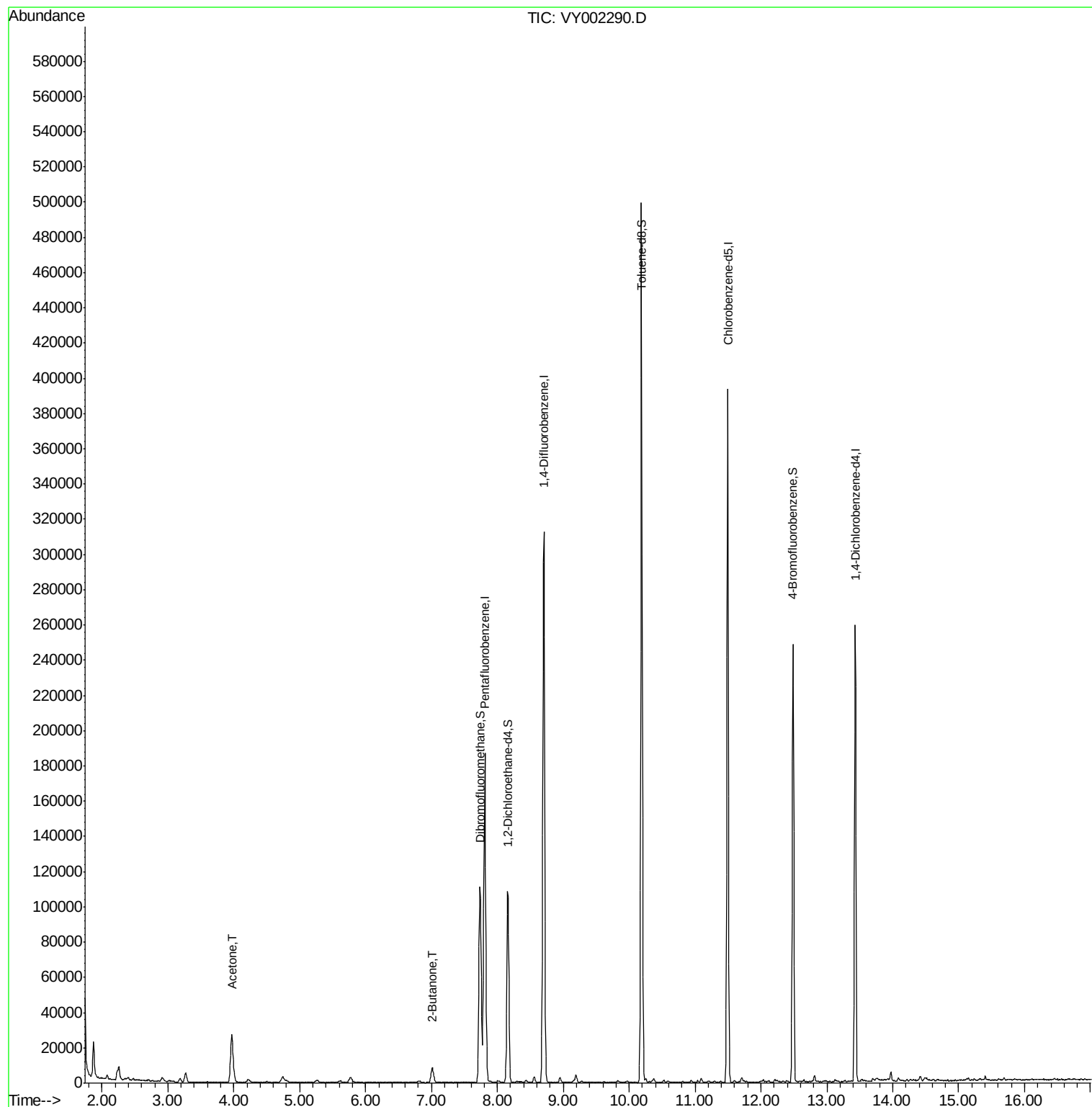
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	139527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	268113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	214858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	62043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	78790	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	7.74	113	81496	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
50) Toluene-d8	10.19	98	321016	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	12.49	95	81003	36.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.54%	
Target Compounds						
16) Acetone	3.97	43	47797	116.956	ug/l	99
25) 2-Butanone	7.01	43	14512	22.438	ug/l	98

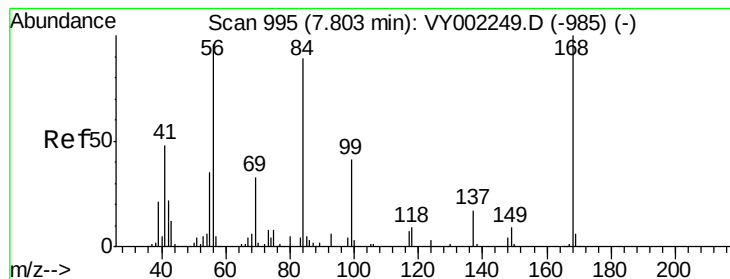
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002290.D

Acq: 13 Apr 2020 19:00

Instrument :

MSVOA_Y

ClientSampled :

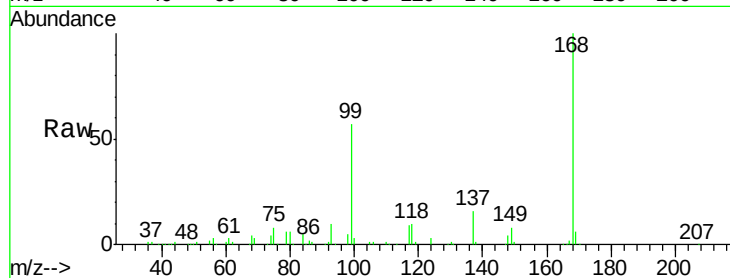
TP-1

Tot Ion:168 Resp: 139527

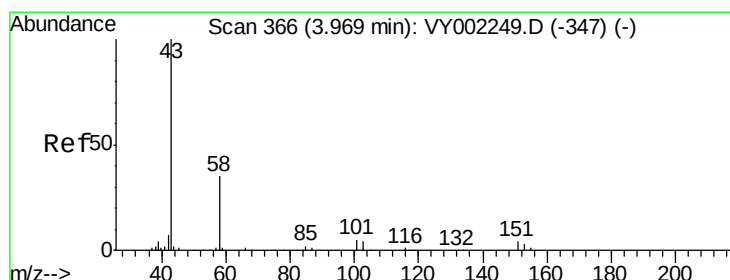
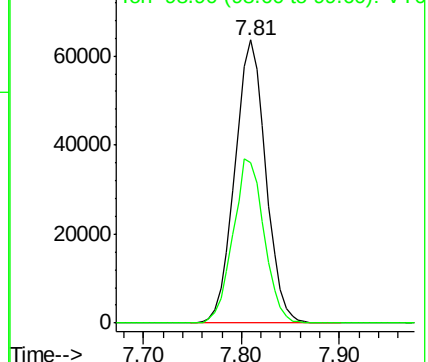
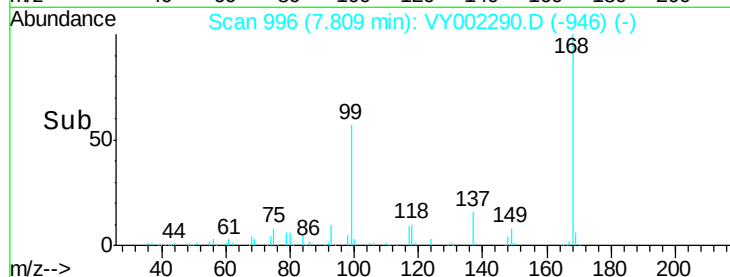
Ion Ratio Lower Upper

168 100

99 56.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002290.D (-946) (-)



#16

Acetone

Concen: 116.956 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002290.D

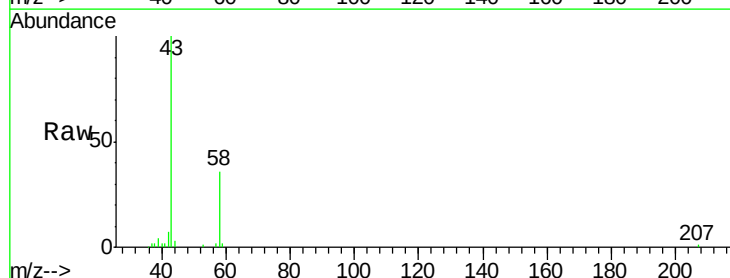
Acq: 13 Apr 2020 19:00

Tgt Ion: 43 Resp: 47797

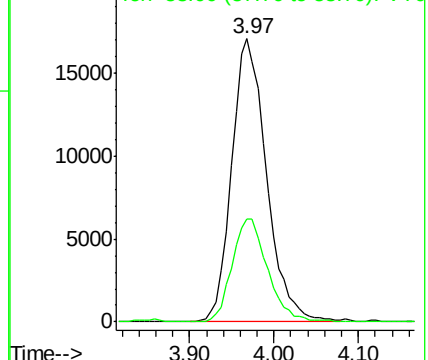
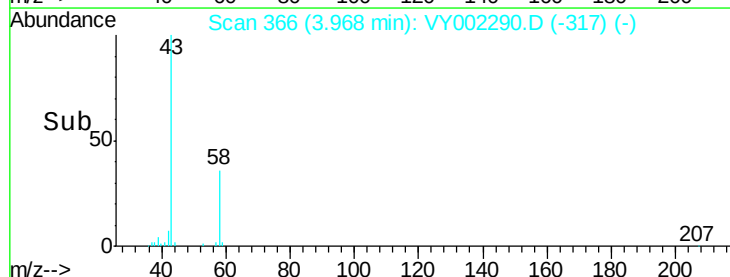
Ion Ratio Lower Upper

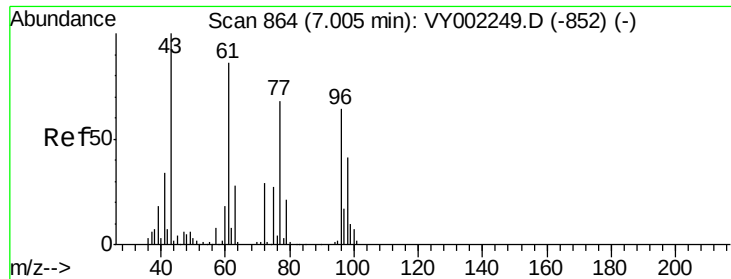
43 100

58 36.1 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002290.D (-317) (-)





#25

2-Butanone

Concen: 22.438 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002290.D

Acq: 13 Apr 2020 19:00

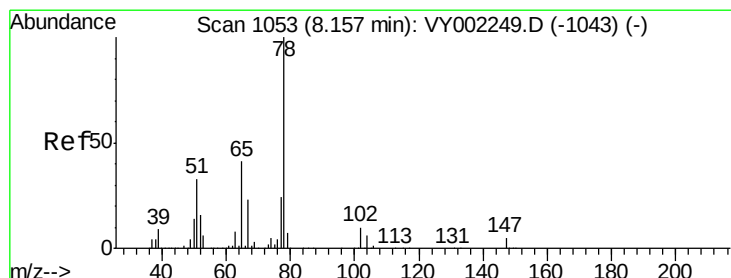
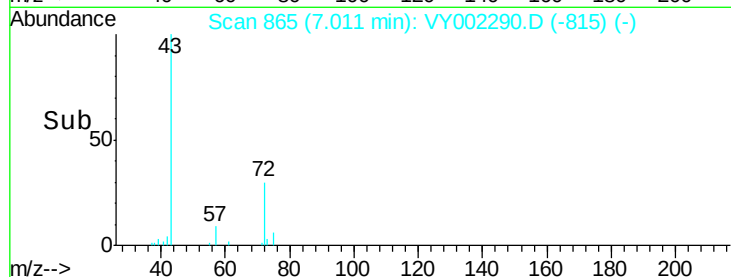
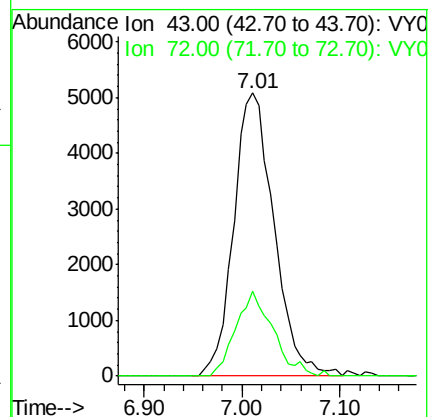
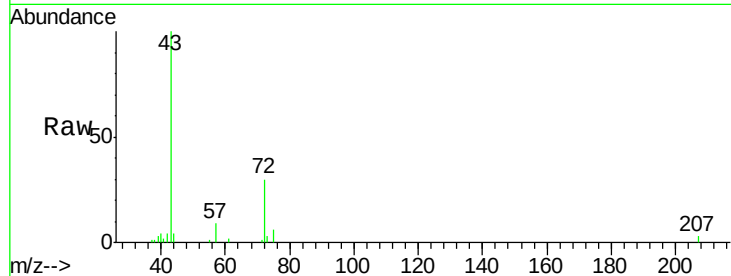
Instrument :
MSVOA_Y
ClientSampled :
TP-1

Tot Ion: 43 Resp: 14512

Ion Ratio Lower Upper

43 100

72 30.1 23.2 34.8



#33

1,2-Dichloroethane-d4

Concen: 50.778 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002290.D

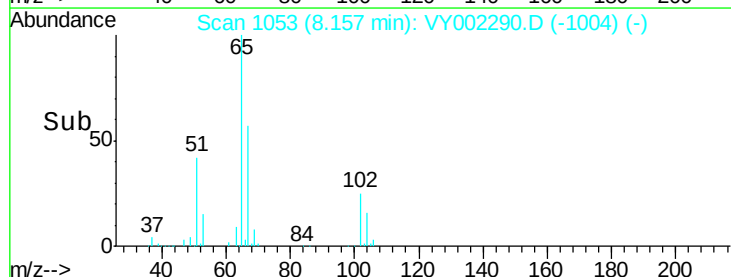
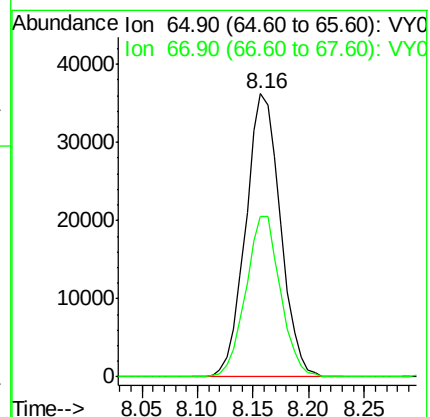
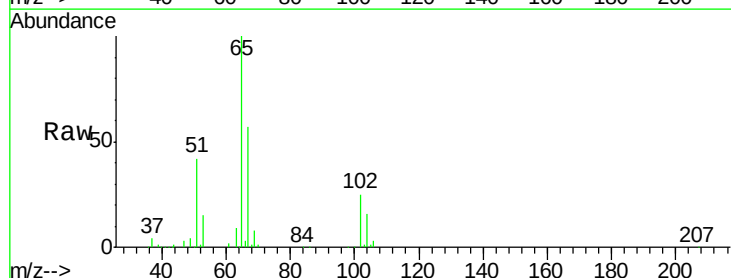
Acq: 13 Apr 2020 19:00

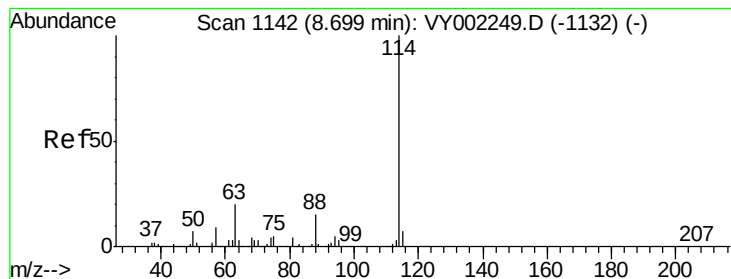
Tgt Ion: 65 Resp: 78790

Ion Ratio Lower Upper

65 100

67 56.3 0.0 114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002290.D

Acq: 13 Apr 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

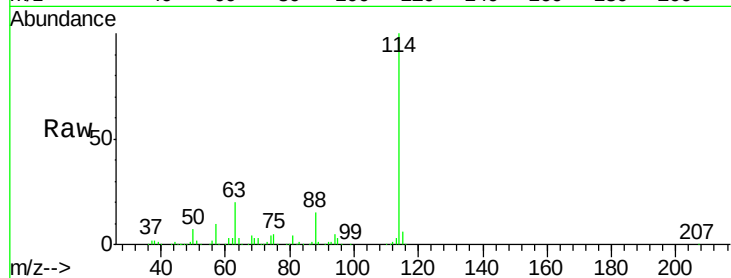
Tot Ion:114 Resp: 268113

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

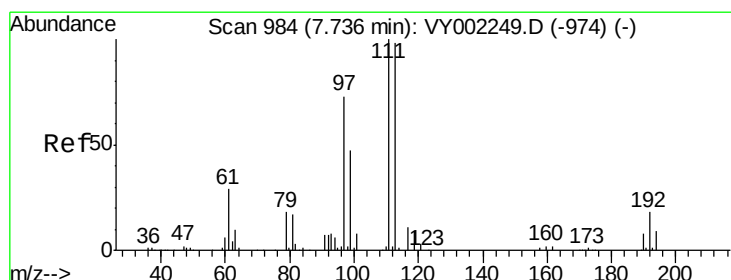
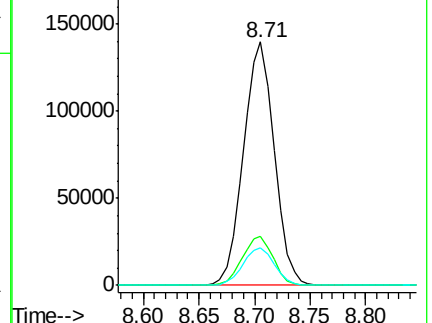
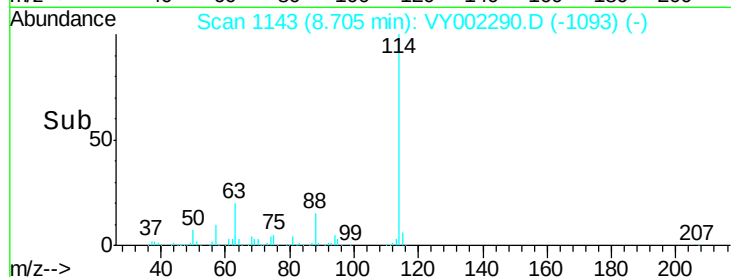
88 15.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 51.083 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002290.D

Acq: 13 Apr 2020 19:00

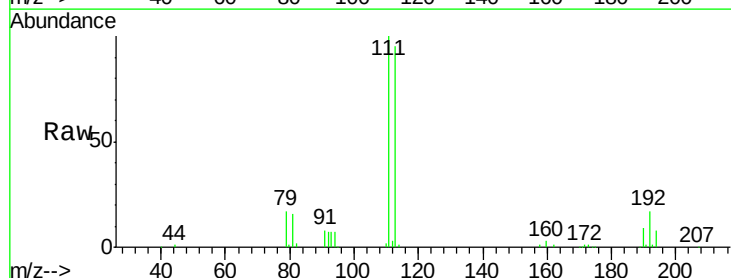
Tgt Ion:113 Resp: 81496

Ion Ratio Lower Upper

113 100

111 102.9 83.5 125.3

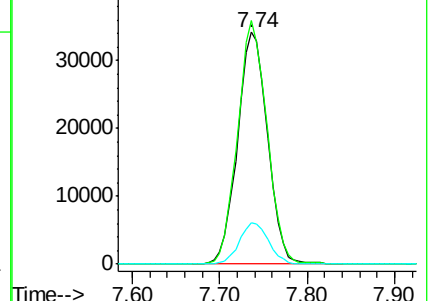
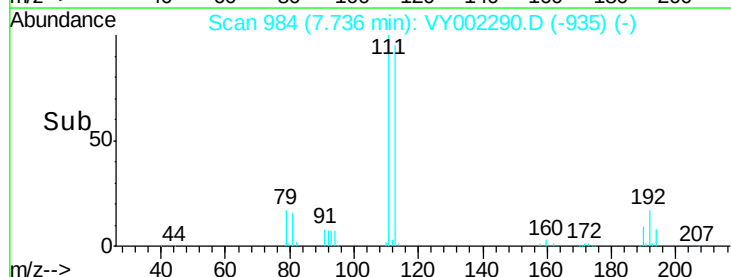
192 17.4 14.7 22.1

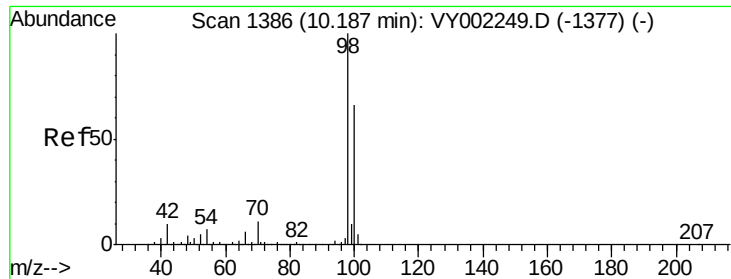


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.074 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002290.D

Acq: 13 Apr 2020 19:00

Instrument :

MSVOA_Y

ClientSampled :

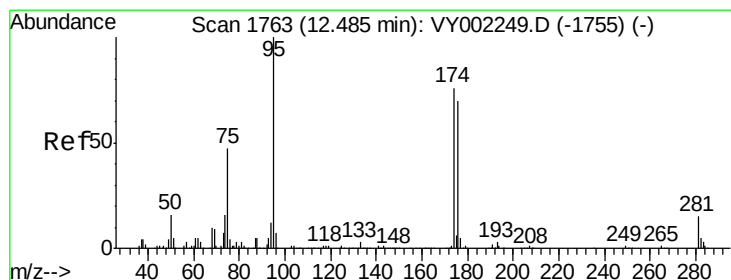
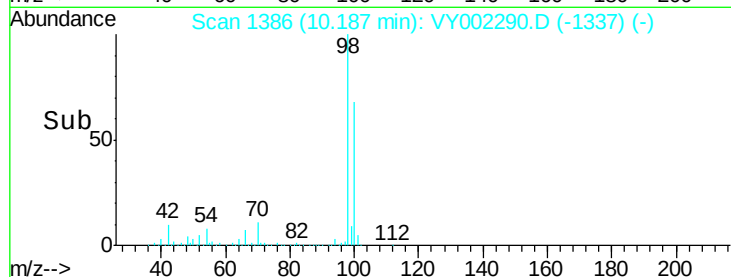
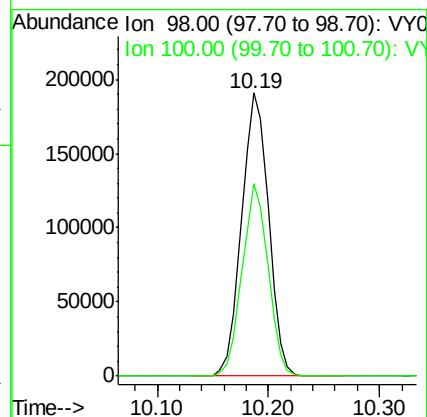
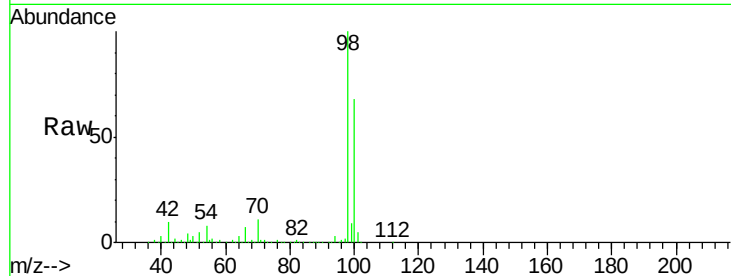
TP-1

Tot Ion: 98 Resp: 321016

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 36.769 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002290.D

Acq: 13 Apr 2020 19:00

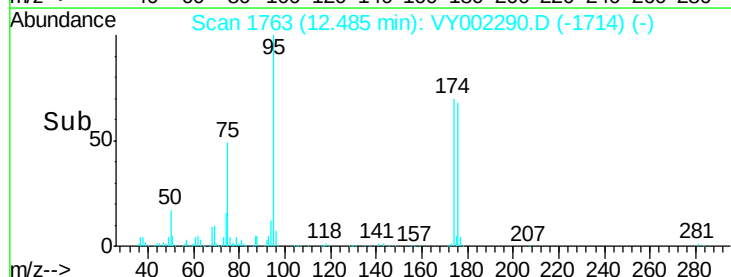
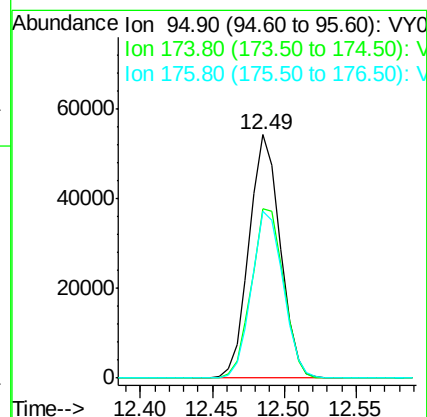
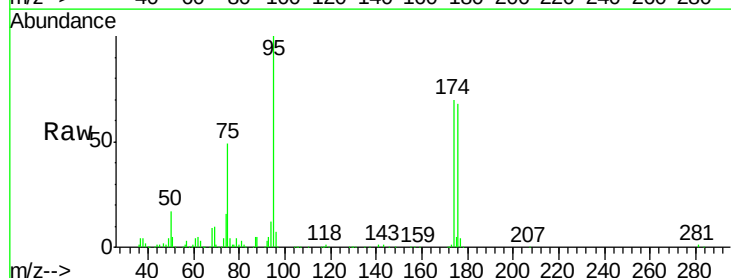
Tgt Ion: 95 Resp: 81003

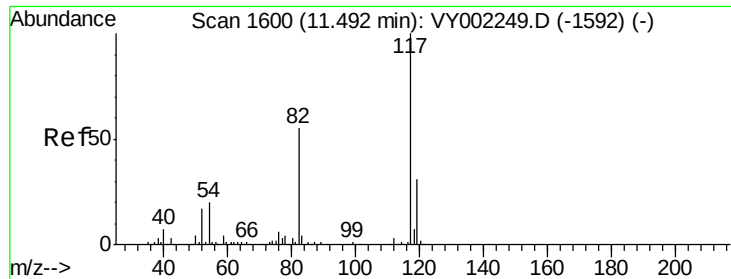
Ion Ratio Lower Upper

95 100

174 72.0 0.0 150.6

176 69.2 0.0 141.4

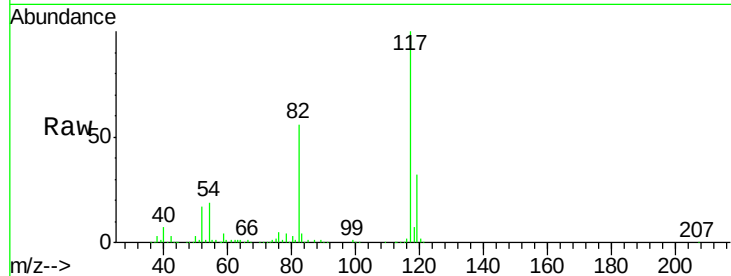




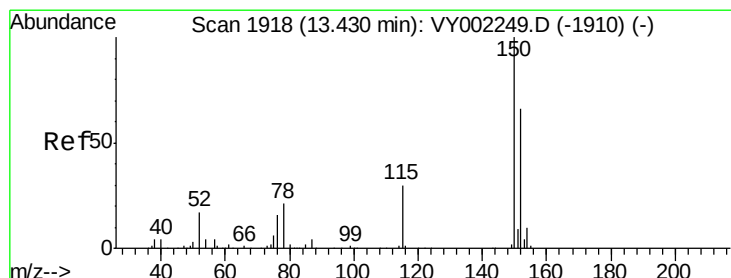
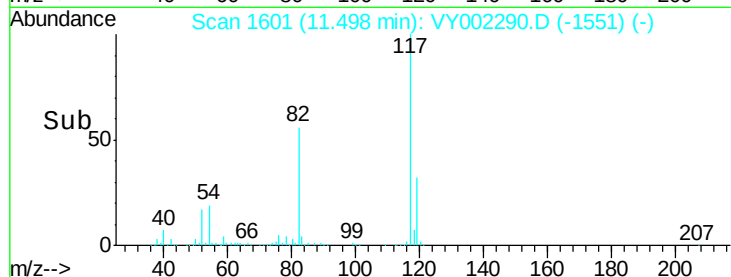
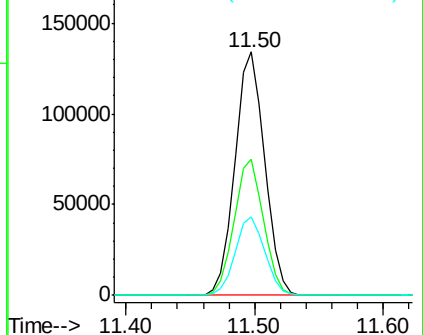
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002290.D
Acq: 13 Apr 2020 19:00

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tot Ion:117 Resp: 214858
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.4
119 32.3 25.1 37.7

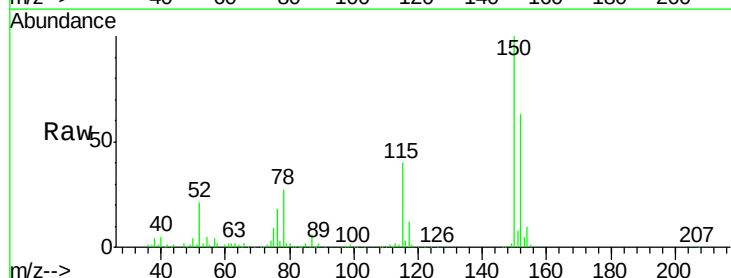


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002290.D
Acq: 13 Apr 2020 19:00

Tgt Ion:152 Resp: 62043
Ion Ratio Lower Upper
152 100
115 60.6 30.7 92.1
150 158.3 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

